

ABSTRACT OF THE DISCLOSURE

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A device or chuck for fixing thin and/or flexible substrates allows a uniform and all-over sucking-up of the substrates without any disadvantageous warping or bending. The chuck has notches and holes communicating with a plurality of microgrooves arranged on the bearing surface. If a vacuum device sucks off air through the bores and the notches, a vacuum extends in the microgrooves so that a substrate located on the bearing surface is sucked up.